

SBARA's Groundplane

APRIL 2007 VOLUME 8 ISSUE 4

The monthly Newsletter of the South Bay Amateur Radio Association

President's Shack By Steve KA6S

It's been busy and you can tell the year is in full swing! Your board has been REAL busy the last few weeks. I'll use this forum to let you know what we've been up to!

We've made some progress on the class we're organizing for May. This will be a General Radio Theory class. We've reviewed the Syllabus and chosen a text. There are a few topics that are on the test that are not in our chosen text so we'll have to supplement the text. We still have to find a couple of instructors to help with the presentation. If you would be interested in picking up a week, I'd love to hear from you.

An advertising flyer has been prepared and reviewed. We will hang this up down at HRO and probably advertise the class at the upcoming swap meets. We'll also announce the class on the ARES nets, and via the Section Manager. We'll also let other local clubs know about the class also.

Field Day planning is also underway. We have team leaders for each band/station. Tickets have been ordered for the K2 raffle and we have actually received the K2 kit (as of last night!). The two biggest jobs involved in the raffle are building the kit. Mike Studer, K6EEP has

offered to put the radio together for us again. Al, WT6K has offered to help Mike with this effort this year. The other large effort is selling the tickets! If you go to other clubs and would be willing to sell a few tickets, please get hold of our treasurer, Bernhard, AE6YN who will be keeping track of ticket sales



This month's meeting will have Bill Rausch, AA6PA giving a presentation on a visit to a local NIKE site.

We'll be having the pre-meeting get-together at Chile Garden at 3241 Walnut beginning at 6pm. Hope to see you there!



*Happy Easter
and Happy
Spring!!!!*



SBARA's Groundplane

The monthly Newsletter of the South Bay Amateur Radio Association

SBARA March Meeting Minutes

Last month's general meeting was held on March 9 and began on time.

We had some guests at last month's meeting. Attending were Glenn (WB6W), Oliver (KB6BA), Eric (WD6CMU), Alan (WA6ZQZ) and son Chris. The other two guests, and new hams, are Don O'Hare (KI6GCF) and Shaun Houseman (KI6IFY).

Isaac Feriante (KI6DIL) reported that he had passed the General Exam.

His father, Adam, announced that he now had a new call but he was unable to recall it at the time. Adams new call is ND6N. Congratulations, Issac and Adam!

Egbert Vallecillo (KI6FIU) made an announcement in behalf of Mike Berke (KI6EGL), Newark EC, inviting all SBARA members to attend a Tri-Cities Emergency Fair on May 14 at Washington Hospital West, 10AM-3PM.

Al Rendon (WT6K) asked the membership to consider signing up to work the Hay-

ward Zucchini festival, August 18th & 19th. 30 of the 44 shifts have already been filled by SBARA volunteers. Great job, everyone!

We have a new raffle chairperson! SBARA President, Steve, announced that Isaac Feriante (KI6DIL) has taken up the task for 2007. Raffle tickets are \$1 each with a \$3 buy-in at the general meetings.

Steve introduced the evening's presenter, Mike Cheponis (K3MC). Mike's presentation was on the reconstruction of Digital Equipment's first computer model, the PDP-1, at the Computer History Museum in Mountain View, CA.

The raffle was held and Steve became the owner of a new soldering iron which was interesting as he had to leave the meeting early. The meeting was adjourned just before 10PM.

**Groundplane SBARA Newsletter Copyright 2007
SBARA.....**

The Groundplane is published monthly by the South Bay Amateur Radio Association. Articles and letters are

always welcome. The normal deadline for material is six days prior to the end of the previous month. Articles can be sent by email to:

Bill, at:
hamradio@comcast.net

Contact the Editor for details and submission guidelines. Articles are due the Saturday prior to the monthly meeting.

The opinions expressed in the Groundplane are strictly those of the authors.

Membership Dues Reminder....

Pretty much all members have paid their membership dues. If you haven't: please remember that there is now a late fee after April 30th! Please send a check to Bernhard Hailer, SBARA Treasure, 4952 Seneca Park Loop, Fremont, CA 94538.

Please fill out the SBARA Membership Application Form.

You can find it at <http://www.sbara.org>, click on „SBARA Forms“.

Thanks!

April is Raffle Month - Buy a Ticket, You Could Win!!!

Magellan eXplorist 210



Product Features:

Compact 14 channel WAAS GPS receiver with rugged, outdoor-sports design
22 MB available memory for downloading optional MapSend maps and digital content
10 MB built-in basemap includes roads, parks, waterways and more
Includes Magellan Geocache Manager software
2.2 x 4.75 x 1.3-inches (W x H x D); 6.1 ounces; and 2.3-inch backlit display

Package Includes:

eXplorist 210 Receiver

USB cable

eXplorist Wizard CD-ROM including Geocache Manager application and user documentation

Read me first quick-start guide

Event Date	Event Name/Description	Website
March 31	Transmitter Hunt - Pack A Lunch	www.thunt.org
April 1	Livermore Swap Meet	www.livermoreark.org/swap/swap.html
April 7	Foothill Flea Market	www.electronicfleamarket.com
April 7	Transmitter Hunt - Fremont	www.thunt.org
April 13	SBARA Monthly Meeting	www.sbara.org/meetings.html#general
April 21-22	April 21-22 Baker to Vegas 120 Mile Relay Race	www.baker2vegas.org
April 21	Transmitter Hunt - Foxes Choice	www.thunt.org
April 27-29	Visalia International DX Convention	www.scdxc.org/visalia/index.html
April 28	Valley of the Moon (Sonoma) Hamfest	www.VOMARC.org/Hamfest.html
May 5	Transmitter Hunt - 6:00pm Fremont	www.thunt.org
May 6	Livermore Swap Meet	www.livermoreark.org/swap/swap.html
May 11	SBARA Monthly Meeting	www.sbara.org/meetings.html#general
May 12	Foothill Flea Market	www.electronicfleamarket.com/
May 18-20	Dayton Hamvention	www.hamvention.org/
May 19	Transmitter Hunt - Foxes Choice	www.thunt.org/
June 23-24	Field Day 2007 - Fremont	http://www.sbara.org/fd.html

2007 Hayward Zucchini Festival

The call is going out early this year for SBARA members to once again volunteer at the Hayward Zucchini Festival. This year's festival is on August 18th and 19th and is the one event where your help REALLY pays off.

How does SBARA raise the funds to pay the rent at the Veterans Building and sponsor all the year's activities? The answer is the Hayward Zucchini Festival. In 2006 we received \$1,300 for our support at the 2005 festival. The Zucchini Festival has become SBARA's major fundraiser, that is, if we can recruit

enough participants to fill all the shifts on both days of the festival.

As mentioned above, we are starting early in an attempt to fill every shift and we have almost half the shifts filled as of the February 2007 SBARA meeting. Since we still have halfway to go to reach the goal of filling all the shifts, the leadership team is asking those of you who haven't yet signed up, to consider signing up for a shift on this coming August 18th or 19th. You do not need to bring anything since the Festival provides the Business Band Transceivers. It's fun for the family too.

If you are interested in bringing the entire family, Mike Fung WA6AWI will provide a family pass for any SBARA member who signs up for a shift. If you haven't participated in the past give it a try this year. The festival is close by in Hayward and takes only a few hours of your time. The benefit is enormous for SBARA. Go to www.sbara.org and in the menu bar click on 'Annual Events', then 'Hayward Zucchini Festival' for information and a map to Kennedy Park.

For signing up or if you have any questions, contact Al Rendon at (510) 656-2427 or by e-mail at wt6k@arrl.net.

Following are the CERT districts CE (continuing education) dates for this year and all City wide drill activities. As of today we have not assigned topics for these classes. If you have any suggestions, please let us know.

We are still reporting to Fire Station 1's temporary location at State Street and Capitol. We hope to be back at our station around July or August.

CE Classes

May 22: Tuesday, 7:00 pm, CERT Central

Jul 12: Thursday, 7:00 pm, CERT Central

Sept 10: Monday, 7:00 pm, CERT Central

Nov 10: Saturday, 10 am, CERT Central

Other Dates

July 28: Saturday

Special Skills Drill, 9:00 am to 4:00 pm. CERT Central. This is the first time for this event. We will have an IC running and dispatching teams out to scenarios in the field. You will be able to come anytime during the day. Chuck, Kay, and I are looking forward to seeing everyone.

August 7: Tuesday

National Night Out. Plan an activity for you and your neighbors.

September 15: Saturday

Annual CERT Family Picnic. Please watch your mail (and e-mail) for information on this event. The date and/or location are not yet finalized. This year there will be no drills. However there will be learning stations if you wish to refresh your skills. This will be a time to relax and meet other CERT members. Bring your family for a day of fun. Lunch will be provided.

If you have not yet received the yellow flyer, mailed the first week of January, or the green newsletter, mailed February 1st, please contact Kay Diack, 510.792.8117, and she will get a copy to you.

Vic Valdes is currently looking for volunteers for the cities MRC (Medical Reserve Corps). If you are a nurse, physician, dentist, 1st responder, etc. and are interested, please send an e-mail to firepubed@ci.fremont.ca.us giving your full name, address, e-mail address, home phone, and cell phone. Vic is planning a meeting later this month for all interested parties.

Gordon Yost

Centerville CERT District Coordinator

Fremont Fire Department

Email to:

Centerville CERT

centervillecert@yahoo.com

Treasure Note

SBARA Treasurer Note, April 2007

Dear SBARA Members,

Spring is approaching. Antenna time! And... Tax time! Same for the SBARA, which is exempt - but nevertheless has to declare the balance. Well, deadline is mid of May, so there's time left.

Most members have paid their membership dues. These dues are really important to keep the club alive. They allow us to e.g. purchase attractive raffle prizes and to set up a well equipped field day. If you haven't paid yet: please remember that there is now a \$10 late fee which becomes added very soon, if you don't pay in time. You

should act now as quickly as you can. Please send a check to Bernhard Hailer, SBARA Treasure, 4952 Seneca Park Loop, Fremont, CA 94538. Please also fill out the SBARA Membership Application/Renewal Form you can find at <http://www.sbara.org>, click on „SBARA Forms“ - it allows us to keep our records up to date. Thanks!

Speaking of raffles and the field day, we will again have an Elecraft K2 to give away in our field day raffle – stay tuned.

Yours sincerely - 73!
Bernhard, DL4MHK / AE6YN

- As human space flight moved into a new uncharted era, an organization called ARISS, which stands for Amateur Radio on international space station, has been formed to design, build and operate equipment. In 1996, delegates from major national radio organizations and from AMSAT, which stands for the Radio Amateur Satellite Corporation, in eight nations involved with the international space station signed a Memorandum of Understanding to form ARISS.

- NASA and the Russian space organization Energia have signed agreements that spell out the place of amateur radio on the station. A technical team, called ISS Ham, has been officially established to serve as the interface to support hardware development, crew training and on-orbit operations.

- In the United States, the American Radio Relay League, which is also known as ARRL, and AMSAT provide leadership and consultation. They also donate and build hardware as well as making sure safety and qualification tests are successfully completed so the equipment can fly. The Russians have provided ports so that antennas can be mounted on the station's Zvezda Service Module -- the space station unit that provides living quarters for the astronauts and cosmonauts. United States and Russian teams have trained the astronauts and cosmonauts to operate the equipment. The Italian team has designed and built antennas. The German team has built sophisticated repeater stations that will allow crews to make recorded reports on their daily activities and permit hams on Earth better contacts with men and women aboard the station.



Frequencies	
Worldwide downlink for voice and packet	145.80
Worldwide packet uplink	145.99
Region 1 voice uplink	145.20
Region 2 and 3 voice uplink	144.49
Worldwide uplink for cross band voice repeater	437.80
Callsigns for the ISS	
Michael Lopez-Alegria	KE5GTK
Mikhail Tyurin	RZ3FT
Sunita Williams	KD5PLB
Russian callsigns	RS0ISS, RZ1DZR
U.S.A. callsign	NA1SS
German callsign	DP0ISS
Packet station mailbox callsign	RS0ISS-11
Packet station keyboard callsign	RS0ISS-3
Packet Digipeater	ARISS
For more information on the procedures used to contact the international space station, please visit the ARISS.Via.b.site .	

March Monthly Meeting Views



Dinner at the Chilis Garden



Bernhard Checking the Books



Prez Steve



Al and his Special Hat Lights



Al's Special Hat LED's



Free for All from Umesch

Photos Courtesy—Doug Wilson 3.2007

South Bay Amateur Radio Association—ARRL Member Club Since 1974

Page 6

**South Bay Amateur Radio
Association**
Founded 1974
Mailing Address
Box 8377
Fremont, Ca. 94537-8377
Web Site — www.sbara.org

President

Steve Wilson, KA6S

Vice President

Adam Feriante , KG6HDT

Secretary

Brad Douglas, KB8UYR

Treasurer

Bernhard Hailer, AE6YN/
DL4MHK

Past President

Andy Romeril , KG6MDS

License Trustee

Mike Studer, K6EEP

Technical Advisor

Mike Studer, K6EEP

Newsletter Editor

Bill Artelt, WB9YVM

Webmaster

Tony Flusche, AB6BR

Quartermaster

Jim Wood, KE6IVA

Program Facilitator

Al Rendon, WT6K

Refreshments

Amanda & Isaac Feriante
AF6YL and KI6DIL

Board Members at Large

Lloyd Hartshome, N6DOK
Sam Severs, WS6S

Fremont Repeaters & Net Information

WA6PWW - 147.015 +600Khz, PL 103.5

WA6PWW - 223.900 -500Khz, PL 107.2

WA6PWW - 442.600 +5Mhz, PL 107.2

N6OXR - 146.940 -600Khz, PL 123.0

N6OXR - 441.525 +5Mhz, PL 123.0

ARES - Tuesday @ 7:30pm - 147.015 + PL 103.5

CW - Tuesday & Thursday on 75 meters—3.880
& on 10 Meters at 28.400 MHz, @ 8:30 p.m.

The [South Bay Amateur Radio Association](http://www.sbara.org) is a general interest amateur radio club serving the Fremont Tri-City area. The club has been in existence since 1974, and has functioned continuously ever since. We are an ARRL Special Service Club, an California not-for-profit tax exempt organization as specified in IRS Statutes. We sponsor training for

new hams, license examination sessions, and participate in various public service events. If you have a specialized amateur radio interest, chances are you can share it with one or more of our club members.

SBARA meets on the 2nd Friday of every month at the Veterans Hall in Niles (Fremont), California. The meeting begins at 7:30

PM. After conducting business, coffee and snacks are served while we socialize. Following the break, a program of interest will be presented. All persons interested in amateur radio are invited to attend. Families are welcome. We hope to see you there!

For those who would like to upgrade their licenses, here's an alternative testing opportunity. The Silicon Valley VE Group has scheduled regular test sessions every alternate Saturday morning at the HP facility in Cupertino. The ARRL site shows the following info for this Saturday, information:

*Sponsor: * SILICON VALLEY VE GROUP

*Time: * 8:00 AM (Walk-ins allowed)
*Contact: * MORRIS E JONES (408)507-4698
*Email: * AD6ZH@ARRL.NET <mailto:AD6ZH@ARRL.NET>
*VEC: * ARRL/VEC <http://wireless.fcc.gov/services/amateur/licensing/vecs.html>
*Location: * HEWLETT PACKARD 19333 VALLCO PKWY BLDG #2 TESTS START BETWEEN 8-10:30AM

MAP N37 19.490 W122 00.568 CUPERTINO, CA 95014

In addition, these sessions are planned every two weeks through at least the end of May (March 17, April 7, April 21...).



Club Classifieds
List your items
for sale or trade
here.

Let other club members know about the gear you wish to sell, trade, need, etc. Send your info to BB@WB9YVM before the 15th of each month to get it in the next month's newsletter. Limit your classified to 25 words or less. Ham Radio, Computer, or electronic related items only please. Listings are posted for 1 month, resubmit for additional months. Listings are first-come-first-serve, limited to space available. We reserve the right to edit content.

ANAHEIM, CA

(Near Disneyland)
933 N. Euclid St., 92801
(714) 533-7373
(800) 854-6046
Janet, KL7MF, Mgr.
anaheim@hamradio.com

BURBANK, CA

1525 W. Magnolia Blvd, 91506
(818) 842-1786
(800) 854-6046
Eric, K6GHT, Mgr.
Magnolia between
S. Victory & Buena Vista
burbank@hamradio.com

OAKLAND, CA

2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, W17YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

SAN DIEGO, CA

5375 Kearny Villa Rd., 92123
(858) 560-4900
(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

SUNNYVALE, CA

510 Lawrence Exp. #102, 94085
(408) 736-9496
(800) 854-6046
Howard, W6HOC, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

NEW CASTLE, DE

(Near Philadelphia)
1509 N. DuPont Hwy., 19720
(302) 322-7092
(800) 644-4476
Rick, K3TL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

PORTLAND, OR

11705 S.W. Pacific Hwy.
97223
(503) 598-0555
(800) 854-6046
Leon, W7AD, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

DENVER, CO

8400 E. Iliff Ave. #9, 80231
(303) 745-7373
(800) 444-9476
John, N5EHP, Mgr.
denver@hamradio.com

PHOENIX, AZ

1939 W. Dunlap Ave., 85021
(602) 242-3515
(800) 444-9476
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

ATLANTA, GA

6071 Buford Hwy., 30340
(770) 263-0700
(800) 444-7927
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

WOODBIDGE, VA

(Near Washington D.C.)
14803 Build America Dr. 22191
(703) 643-1063
(800) 444-4799
Steve, W4SHG, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

SALEM, NH

(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
(800) 444-0047
Chuck, N1UC, Mgr.
sales@hamradio.com
Exit 1, I-93;
28 mi. No. of Boston
saalem@hamradio.com

1 2 STORE BUYING POWER

HOMERADIOOUTLET

WORLDWIDE DISTRIBUTION

KENWOOD**TS-2000** HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

Low Intro Price!**TH-D7A(G)** 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Memos., CTCSS
- VC-H1 Messaging Control

Low Pricing!**TM-D700A** 2M/440 Dualband

- 50w VHF 35w UHF • Opt. Voice Synthesizer
- Receives 118-1300 MHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built in 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

**COAST TO COAST
FREE SHIPPING**

UPS • Most Items Over \$100

**Rapid Deliveries From
The Store Nearest To You!****YAESU****VX-7R**

- 50/2M/220/440 HT
- Wideband RX
- 900 Memories
- 5W TX (300mw 220MHz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRES compatible

Great Price!**FT-857D**

- Ultra compact HF, VHF, UHF
- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
- 200 mems • Detachable front panel (YSK-857 required)

Call for Low Price!**FT-2000** HF + 6M tcvr

- 100 W w/ auto tuner
- built-in Power supply
- DSP filters / Voice memory recorder
- 3 Band Parametric Mic EQ
- 3 IF roofing filters

Call Now For Low Pricing!**IC-706MkIIg** HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menus

Low Pricing!**IC-756 PRO III** All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

The Ultimate Radio!**DJ-196T** 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

Low Pricing!**DR-135TP** 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!



Announcements

SBARA monthly meeting:

April 13th.

Veterans Hall in Niles

SBARA FIELD DAY RAFFLE		
JUNE 23RD, 2007 - CENTRAL PARK - FREMONT		
FIRST PRIZE - ELECRAFT K2 - 15 WATT VERSION FULLY ASSEMBLED		
DONATION: \$10.00 EACH OR 3 FOR \$20.00		
RAFFLE LIMITED TO 300 TICKETS		
WINNER NEED NOT BE PRESENT TO WIN		
NAME: _____ CALL SIGN: _____ PHONE: _____	Sample	Sample

Come to the Monthly Meeting & Bring a Friend!!

The Ground Plane — KU6S
<http://www.sbara.org>
South Bay Amateur Radio Association — SBARA
P.O. Box 8377
Fremont, Ca. 94537-8377